

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/507,336	
			Filing Date	February 18, 2000	
			First Named Inventor	Scott C. ANDERSON	
			Ari Unit	3769	
			Examiner Name	David M. SHAY	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS
	A1	3,862,627	01/1975	Hans, Sr.		
	A2	4,802,475	02/1989	Weshahy		
	A3	4,815,470	03/1989	Curtis et al.		
	A4	4,872,346	10/1989	Kelly-Fry et al.		
	A5	4,917,095	04/1990	Fry et al.		
	A6	4,936,281	06/1990	Stasz, Peter		
	A7	5,080,102	01/1992	Dory		
	A8	5,108,390	04/1992	Potocky et al.		
	A9	5,147,355	09/1992	Friedman et al.		
	A10	5,222,501	06/1993	Ideker et al.		
	A11	5,224,943	07/1993	Goddard		
	A12	5,231,995	08/1993	Desai		
	A13	5,254,116	10/1993	Baust et al.		
	A14	5,263,493	11/1993	Avitall		
	A15	5,269,291	12/1993	Carter, Robert E.		
	A16	5,281,215	01/1994	Milder		
	A17	5,295,484	03/1994	Marcus et al.		
	A18	5,323,781	06/1994	Ideker et al.		
	A19	5,324,284	06/1994	Imran		
	A20	5,334,181	08/1994	Rubinsky et al.		
	A21	5,348,554	09/1994	Imran et al.		
	A22	5,353,783	10/1994	Nakao et al.		
	A23	5,354,258	10/1994	Dory		
	A24	5,385,148	01/1995	Lesh et al.		
	A25	5,405,376	04/1995	Mulier et al.		
	A26	5,423,807	06/1995	Milder		
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	A30	5,435,308	07/1995	Gallup et al.		
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	A32	5,450,843	09/1995	Moll et al.		
	A33	5,462,545	10/1995	Wang et al.		
	A34	5,465,717	11/1995	Imran et al.		
	A35	5,469,853	11/1995	Law et al.		
	A36	5,478,330	12/1995	Imran et al.		

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EXAMINER INITIAL	*	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS
	A37	5,487,385	01/1996	Avitall		
	A38	5,487,757	01/1996	Truckai et al.		
	A39	5,500,012	03/1996	Brucker et al.		
	A40	5,520,682	05/1996	Baust et al.		
	A41	5,536,267	07/1996	Edwards et al.		
	A42	5,545,195	08/1996	Lennox et al.		
	A43	5,545,200	08/1996	West et al.		
	A44	5,549,661	08/1996	Kordis et al.		
	A45	5,555,883	09/1996	Avitall		
	A46	5,560,362	10/1996	Sliwa, Jr. et al.		
	A47	5,571,088	11/1996	Lennox et al.		
	A48	5,575,766	11/1996	Swartz et al.		
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	A50	5,578,007	11/1996	Imran		
	A51	5,582,609	12/1996	Swanson et al.		
	A52	5,588,432	12/1996	Crowley		
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	A54	5,595,183	01/1997	Swanson et al.		
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	A57	5,630,837	05/1997	Crowley		
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	A59	5,643,197	07/1997	Brucker et al.		
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	A63	5,673,695	10/1997	McGee et al.		
	A64	5,676,662	10/1997	Fleischhacker et al.		
	A65	5,676,692	10/1997	Sanghvi et al.		
	A66	5,676,693	10/1997	LaFontaine		
	A67	5,678,550	10/1997	Bassen et al.		
	A68	5,680,860	10/1997	Imran		
	A69	5,681,278	10/1997	Igo et al.		
	A70	5,681,308	10/1997	Edwards et al.		
	A71	5,687,723	11/1997	Avitall		
	A72	5,688,267	11/1997	Panescu et al.		
	A73	5,690,611	11/1997	Swartz et al.		
	A74	5,697,925	12/1997	Taylor		

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	A75	5,697,927	12/1997	Imran et al.		
	A76	5,697,928	12/1997	Walcott et al.		
	A77	5,713,942	02/1998	Stern		
	A78	5,716,389	02/1998	Walinsky et al.		
	A79	5,718,701	02/1998	Shai et al.		
	A80	5,718,241	02/1998	Ben-Haim et al.		
	A81	5,720,775	02/1998	Lanard		
	A82	5,730,074	03/1998	Peter		
	A83	5,730,127	03/1998	Avitall		
	A84	5,730,704	03/1998	Avitall		
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	A96	5,836,947	11/1998	Fleischman et al.		
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	A98	5,844,349	12/1998	Oakley et al.		
	A99	5,849,028	12/1998	Chen		
	A100	5,871,523	02/1999	Fleischman et al.		
	A101	5,871,525	02/1999	Edwards et al.		
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	A103	5,876,399	03/1999	Chia et al.		
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	A108	5,893,848	04/1999	Negus et al.		
	A109	5,895,417	04/1999	Pomeranz et al.		
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	A111	5,899,899	05/1999	Arless et al.		
	A112	5,902,289	05/1999	Swartz et al.		

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EXAMINER INITIAL	*	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS
	A113	5,904,711	05/1999	Flom et al.		
	A114	5,906,580	05/1999	Kline-Schoder et al.		
	A115	5,916,214	06/1999	Cosio et al.		
	A116	5,921,924	07/1999	Avitall		
	A117	5,921,982	07/1999	Lesh et al.		
	A118	5,928,191	07/1999	Houser et al.		
	A119	5,927,284	07/1999	Borst et al.		
	A120	5,931,810	08/1999	Grabek		
	A121	5,931,848	08/1999	Saadat		
	A122	5,954,661	09/1999	Greenspon et al.		
	A123	5,971,980	10/1999	Sherman		
	A124	5,971,983	10/1999	Lesh		
	A125	5,993,447	11/1999	Blewett et al.		
	A126	6,007,499	12/1999	Martin et al.		
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	A128	6,042,556	03/2000	Beach et al.		
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	A130	6,088,894	07/2000	Oakley		
	A131	6,113,592	09/2000	Taylor		
	A132	6,117,101	09/2000	Diederich et al.		
	A133	6,120,496	09/2000	Whyne et al.		
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EXAMINER INITIAL	*	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS
	A151	6,325,797	12/2001	Stewart et al.		
	A152	6,332,881	12/2001	Carnier et al.		
	A153	2002/0022839A1	02/2002	Stewart et al.		
	A154	2002/0026183A1	02/2002	Simpson		
	A155	6,361,531	03/2002	Hissong, James B.		
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	A161	6,385,472 B1	05/2002	Hall et al.		
	A162	6,398,792	06/2002	O'Connor		
	A163	2002/0087151	07/2002	Mody et al.		
	A164	2002/0087208A1	07/2002	Koblish et al.		
	A165	6,413,254	07/2002	Hissong et al.		
	A166	6,419,648 B1	07/2002	Vitek et al.		
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	A172	6,471,697	10/2002	Lesh		
	A173	6,461,956 B1	10/2002	Patterson		
	A174	6,464,700 B1	10/2002	Koblish et al.		
	A175	6,471,698 B1	10/2002	Edwards et al.		
	A176	6,474,340 B1	11/2002	Vaska et al.		
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	A178	6,484,727 B1	11/2002	Vaska et al.		
	A179	6,527,767 B1	03/2003	Wang et al.		

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION?
	B1	GB 2 094 636	09/1982	UK			
	B2	AU A-70522/96	11/1994	Australia			
	B3	WO 95/10318	04/1995	PCT			
	B4	WO 95/10319	04/1995	PCT			
	B5	WO 95/17222	06/1995	PCT			
	B6	WO 95/15115	06/1995	PCT			
	B7	WO 95/30380A	11/1995	PCT			
	B8	GB 2 289 510A	11/1995	UK			
	B9	WO 96/10961	04/1996	PCT			
	B10	WO 97/06727	02/1997	PCT			
	B11	WO 97/18853	05/1997	PCT			
	B12	WO 97/25918	07/1997	PCT			
	B13	WO 97/33526	09/1997	PCT			
	B14	WO 97/43970	11/1997	PCT			
	B15	WO 98/24488	06/1998	PCT			
	B16	WO 98/26724	06/1998	PCT			
	B17	WO 98/37822	09/1998	PCT			
	B18	WO 98/49957	11/1998	PCT			
	B19	WO 98/48881	11/1998	PCT			
	B20	WO 99/02096	01/1999	PCT			
	B21	WO 99/04696	02/1999	PCT			
	B22	WO 99/48421A1	09/1999	PCT			
	B23	WO 99/49788	10/1999	PCT			
	B24	WO 99/56812	11/1999	PCT			
	B25	WO 99/59486	11/1999	PCT			
	B26	WO 00/45706	08/2000	PCT			
	B27	WO 00/57495	09/2000	PCT			
	B28	WO 01/03594A1	01/2001	PCT			
	B29	WO 01/05305A1	01/2001	PCT			
	B30	WO 01/28623A2	04/2001	PCT			
	B31	WO 01/45550A2	06/2001	PCT			
	B32	WO 01/66189A1	09/2001	PCT			
	B33	WO 01/70112A1	09/2001	PCT			
	B34	WO 01/72234A1	10/2001	PCT			
	B35	WO 01/72373A2	10/2001	PCT			
	B36	WO 01/82778A2	11/2001	PCT			

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	B37	WO 02/05720A1	01/2002	PCT			
	B38	WO 02/05722A1	01/2002	PCT			
	B39	WO 02/05868A2	01/2002	PCT			
	B40	WO 02/077774A2	10/2002	PCT			
	B41	1181896A1	02/2002	EP			
	B42	WO 02/09610A1	02/2002	PCT			
	B43	WO 02/21995A2	03/2002	PCT			
	B44	WO 02/26142A1	04/2002	PCT			
	B45	WO 02/30310A1	01/2002	PCT			
	B46	WO 02/40093	05/2002	PCT			
	B47	WO 02/45608A2	06/2002	PCT			

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EXAMINER INITIAL		Other Art (Including Author, Title, Date, Pages, etc.)
	C1	AFx, inc., "FLEX Surgical Ablation Device: Instructions for Use," Document No. 900044 Rev A; March 28, 2000: 1-9
	C2	AFx, inc., "AFx Microwave Generator, Series 1000; User's Manual," Document No. 900067/A/1310, (2000): 1-13
	C3	AFx, inc., "FLEX10™: Accessory for the Afx Microwave Ablation Aystem; Instructions for Use," Document No. 900077/C/1638, (2001): 1-8. Supplemental Document No. 900106/A/1586
	C4	AFx, inc., "LYNX Surgical Ablation Device: Instructions for Use," Document No. 900024/K/1114: 1-4
	C5	Boston Scientific, EP Technologies, "Cobra® Electrosurgical Unit, Operator's Manual: 4810 & 4811," Document No. 11292-001 EAW Ver AC, Feb 2000; pp. 1-1 thru 9-2
	C6	Boston Scientific, EP Technologies, "Cobra® Surgical Probe; Directions for Use," Document No. 13954-001 Rev A, October 2001: page 3
	C7	Boston Scientific, EP Technologies, "Cobra® RF System: The first surgical system for creating linear lesions." Document No. DEP-225 Rev A, Jan 2002
	C8	Caccitolo et al., "Open-Heart Endocardial Radiofrequency Ablation:..." <u>J of Surgical Research</u> , (2001): 97: 27-33
	C9	Chevalier, et al., "Thoracoscopic Epicardial Radiofrequency Ablation for Vagal Atrial Fibrillation in Dogs," <u>PACE</u> June 1999; 22 (Part I), 880-886.
	C10	Cox et al., "The Surgical Treatment of Atrial Fibrillation, IV Surgical Technique," <u>J Thorac Cardiovasc Surg</u> , 1991; 101: 584-592.
	C11	Cox et al., "The Maze III Procedure for Treatment of Atrial Fibrillation," <u>Cardiac Arrhythmias</u> , 78: 460-475.
	C12	Demazumder et al., "Comparison of Irrigated Electrode Designs for Radiofrequency Ablation of Myocardium," <u>J of Interventional Cardiac Electrophysiology</u> , (2001): 391-400
	C13	Elvan et al., "Radiofrequency Catheter Ablation of the Atria Eliminates Pacing-Induced Sustained Atrial Fibrillation and Reduces Connexin in 43 Dogs," <u>Circulation</u> , 1997;96(5):1675-1685.
	C14	Fieguth et al., "Inhibition of Atrial Fibrillation by Pulmonary Vein Isolation and Auricular Resection - Experimental Study in a Sheep Model," <u>European Journal of Cardio-Thoracic Surgery</u> , 1997;11:714-721.
	C15	He et al., "Preliminary Results Using Ultrasound Energy for Ablation of the Ventricular Myocardium in Dogs," <u>Am J Card</u> , 1994;73:1029-1031.
	C16	He et al., "Application of Ultrasound Energy for Intracardiac Ablation of Arrhythmias," <u>The European Society of Cardiology</u> , 1995;16:961-966.
	C17	Hunt, John W., "Application of Microwave, Ultrasound and Radiofrequency Heating," <u>Natl Cancer Inst Monogr</u> , (1982); 61: 447-456
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EXAMINER INITIAL		Other Art (Including Author, Title, Date, Pages, etc.)
	C18	Hynynen et al., "Cylindrical Ultrasonic Transducers for Cardiac Catheter Ablation," <i>IEEE Transactions on Biomedical Engineering</i> , 1997;44(2):144-151.
	C29	Inoue et al., "Video Assisted Thoracoscopic and Cardioscopic Radiofrequency Maze Ablation," <i>ASAIO Journal</i> , 1997;43:334-337.
	C20	Jumrussirikul et al., "Prospective Comparison of Temperature Guided Microwave and Radiofrequency Catheter Ablation in the Swine Heart," <i>PACE</i> (1998); 21: 1364-1374
	C21	Lee, et al., "High Intensity Focused Ultrasound Effect on Cardiac Tissues: Potential for Clinical Application," <i>Echocardiography</i> , (2000) Vol 17, No 6, Part 1: 563-566
	C22	Liem et al., "Microwave Catheter Ablation Using a Clinical Prototype System with a Lateral Firing Antenna Design," <i>PACE</i> , (1998); 21 [pt 1]: 714-721
	C23	McRury, Ian D., Haines, David E., "Ablation for the Treatment of Arrhythmias," <i>Proceedings of the IEEE</i> , (1996); Vol 84, No 3: 404-415
	C24	Mitchell et al., "Morphological and Physiological Characteristics of Discontinuous Linear Atrial Ablations During Atrial Pacing and Atrial Fibrillation," <i>J Cardiovasc Electrophysiol</i> , (1999); Vol 10: 378-386
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	C26	Ohkubo et al., "Experimental Study of Catheter Ablation Using Ultrasound Energy in Canine and Porcine Hearts," <i>Jpn Heart J</i> , (1998); 39: 399-409
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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			Application Number	09/507,336	
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			First Named Inventor	Scott C. ANDERSON	
			Art Unit	3769	
			Examiner Name	David M. SHAY	
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							Yes	No
	1B	WO 95/10321	04/20/1995	PCT				
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